

The Law Office of William
W. Cochran, LLC
3555 Stanford Road,
Suite 230
Fort Collins, CO 80525

PATENT APPLICATION #6
DOCKET NO.: INTE.06USU1
8-01-02



IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Steven O. Markel

Serial No.: 09/933,927

Examiner:

Filing Date: 8/21/01

Group Art Unit: 2612

Title: System and Method for Distribution of Interactive Content to Multiple Targeted Presentation Platforms

ASSISTANT COMMISSIONER FOR PATENTS
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- ☒ under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of international application; or before mailing date of first office action on the merits; whichever occurs last)
- ☐ under 37 CFR 1.97(c) together with either a:
- ☐ Certification under 37 CFR 1.97(e), or
- ☐ a \$240.00 fee under 37 CFR 1.17(p), or
(After the CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97(d) together with a:
- ☐ Certification under 37 CFR 1.97(e), and
- ☐ a petition under 37 CFR 1.97(d)(2)(ii), and
- ☐ a \$130.00 petition fee set forth in 37 CFR 1.17(i)(1)
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)
- ☐ A check in the amount of \$_____ is enclosed herewith.
- ☐ Please charge to Deposit Account 08-2623 the amount of \$_____.

At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2623 pursuant to 37 CFR 1.25.

☒ Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Citation together with copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

☐ A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO 1449, as presently understood by the individual(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

I hereby certify that this correspondence is being deposited with the United States Postal Service as:

☒ First Class Mail in an envelope addressed to:
Commissioner for Patents, Box DD, Washington, D.C. 20231

☐ "Express Mail Post Office to Addressee" service under 37 CFR 1.10.
"Express Mail" label no. _____

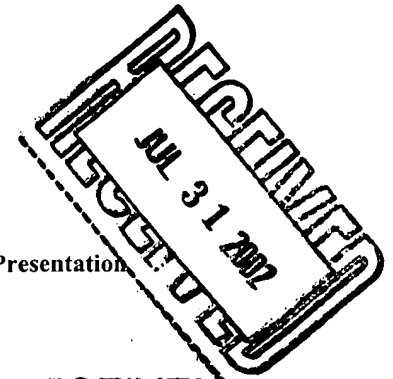
Date of Deposit or Transmission : July 22, 2002
Typed Name: Christie Cochran

Signature: Christie Cochran
(Rev. 5/15/96) HH:731595 v1

Respectfully submitted,

By William W. Cochran
Attorney/Agent for Applicant(s)
William W. Cochran
Reg. No. 26,652

Date: 7/22/02
Telephone No.: (970) 377-6363



RECEIVED

JUL 30 2002

Technology Center 2600

FORM PTO-1449

ATTY. DOCKET NO.

SERIAL NO.

INTE.06USU1

09/933,927

LIST OF PATENTS AND PUBLICATIONS
FOR APPLICANT'S INFORMATION
DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANT

Steven O. Markel

FILING DATE

8/21/01

GROUP ART UNIT

RECEIVED

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

JUL 30 2002

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	CLASS
	A	5,467,288	11/14/1995	Digital Audio Workstations Providing Digital Storage and Display of Video Information	364	514 R
	B	5,524,193	16/04/1996	Interactive Multimedia Annotation Method and Apparatus	395	154
	C	5,583,980	12/10/1996	Time-Synchronized Annotation Method	395	173
	D	5,600,775	02/04/1997	Method and Apparatus for Annotating Full Motion Video and Other Indexed Data Structures	395	806
	E	5,631,903	5/20/1997	Telecommunications signaling arrangements for terminals without signaling capability	370	401
	F	5,655,144	08/05/1997	Audio Synchronization System	395	807
	G	5,680,639	10/21/1997	Multimedia Control System	395	806
	H	5,929,849	07/27/1999	Integration of Dynamic Universal Resource Locators with Television Presentations	345	327
	I	5,931,908	08/03/1999	Visual Object Present within Live Programming as Actionable Event for User Selection of Alternate Programming Wherein the Actionable Event is Selected by Human Operator as a Head End for Distributed Data and Programming	709	219
	A	5,951,639	9/14/99	Multicast downloading of software and data modules and their compatibility requirements	348	6
	J	6,006,241	12/21/1999	Production of a Video Stream with Synchronized Annotations Over a Computer Network	707	512
	K	6,006,256	12/21/1999	System and method for inserting interactive program content within a television signal originating at a remote network	709	217
	L	6,154,771	11/28/2000	Real-Time Receipt, Decompression and Play of Compressed Streaming Video/Hypervideo; with Thumbnail Display of Past Scenes and with Replay, Hyperlinking and/or Recording Permissively Initiated Retrospectively	709	217

M	6,173,317 B1	01/09/2001	Streaming and Displaying a Video Stream with Synchronized Annotations Over a Computer Network	709	219
N	6,230,172 B1	05/08/2001	Production of a Video Stream with Synchronized Annotations Over a Computer Network	707	512
O	US 2001/0011375	8/2/2001	Open cable set-top box diagnosing system and method thereof	725	107



RECEIVED

JUL 30 2002

FOREIGN PATENT DOCUMENTS

Technology Center 2600

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
						YES	NO
AA	JP 10042271	02/13/1998	Japan	HO4N7	173	X	
BB	GB2327837	03/2/99	Great Britain	G06F17	30	X	
CC	WO 99/35832	07/15/99	World Organization	H04N5	445	X	
EE	JP 227851A	08/15/2000	Japan	HO4N7	173		X
DD	WO 00/49520	08/24/00	World Organization	G06F17	22	X	
FF	WO 01/28235A1	04/19/2001	World organization	HO4N5	445	X	

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

AAA	Chambers, C.S.: "Designing a set-top box operating system", International Conference on Consumer Electronics – Digest of Technical Papers Rosemont, June 7-9 1995, New York, IEEE US Vol. CONF. 14, 7 June, 1995, pages 368-369 XP000547858 ISBN 0-7803-2141-3 page 76, column 1, paragraph 7.2.1C
BBB	Jose Alvear: "Realnetworks' Realaudio and Realvideo", <u>Web developer.com</u> , guide to streaming multimedia, New York: John Wiley & Sons, U.S, 1998, XP002150113, ISBN:0-471-24822-3.
CCC	Anonymous, "HTML 4.0 Specification", W3C Recommendation, April 24, 1998, XP002191626, the whole document
DDD	"MPEG-4 Authoring Tools let Pros, Consumers Create Multimedia for Web Pages, TV HDTV", Sarnoff Document, December 10, 1998, XP002155140, the whole document.
EEE	Fernandez Panadero MC et al.: "Mass-customizing electronic journals", <u>Online!</u> , 10 May, 1999, XP002177409.
FFF	Shim SSY et al: "Template based synchronized multimedia integration language authoring tool", proceedings of the Spie, Spie, Bellingham, VA, US vol. 3964, January 2000, pages 134-142, XP000986660 the whole document
GGG	LI Q; Ozsoyoglu, ZM; Wagner, R; Kambayashi, Y; Zhang, Y: "XML based text TV", <u>Proceedings of Wise</u> , 2000, 19-21 June, 2000, XP002192977, Hong Kong, China.
HHH	PCT International Search Report from Ladas & Parry, 3/ 22/02
III	PCT International Search Report from Ladas & Parry, 4/18/2002
JJJ	PCT International Search Report from Ladas & Parry, 5/11/02
EXAMINER	DATE CONSIDERED